



Alaska Department of Environmental Conservation

Office of the State Veterinarian

Fish Monitoring Program

5251 Dr. Martin Luther King Jr. Ave.
Anchorage, AK 99508
(907) 375-8200

Total Arsenic in Alaskan Fish

Fish Samples collected: 2001-2017

Concentration in mg/Kg wet weight

Visit the Fish Monitoring Program webpage for more information:

<http://www.dec.alaska.gov/eh/vet/fish-monitoring-program>

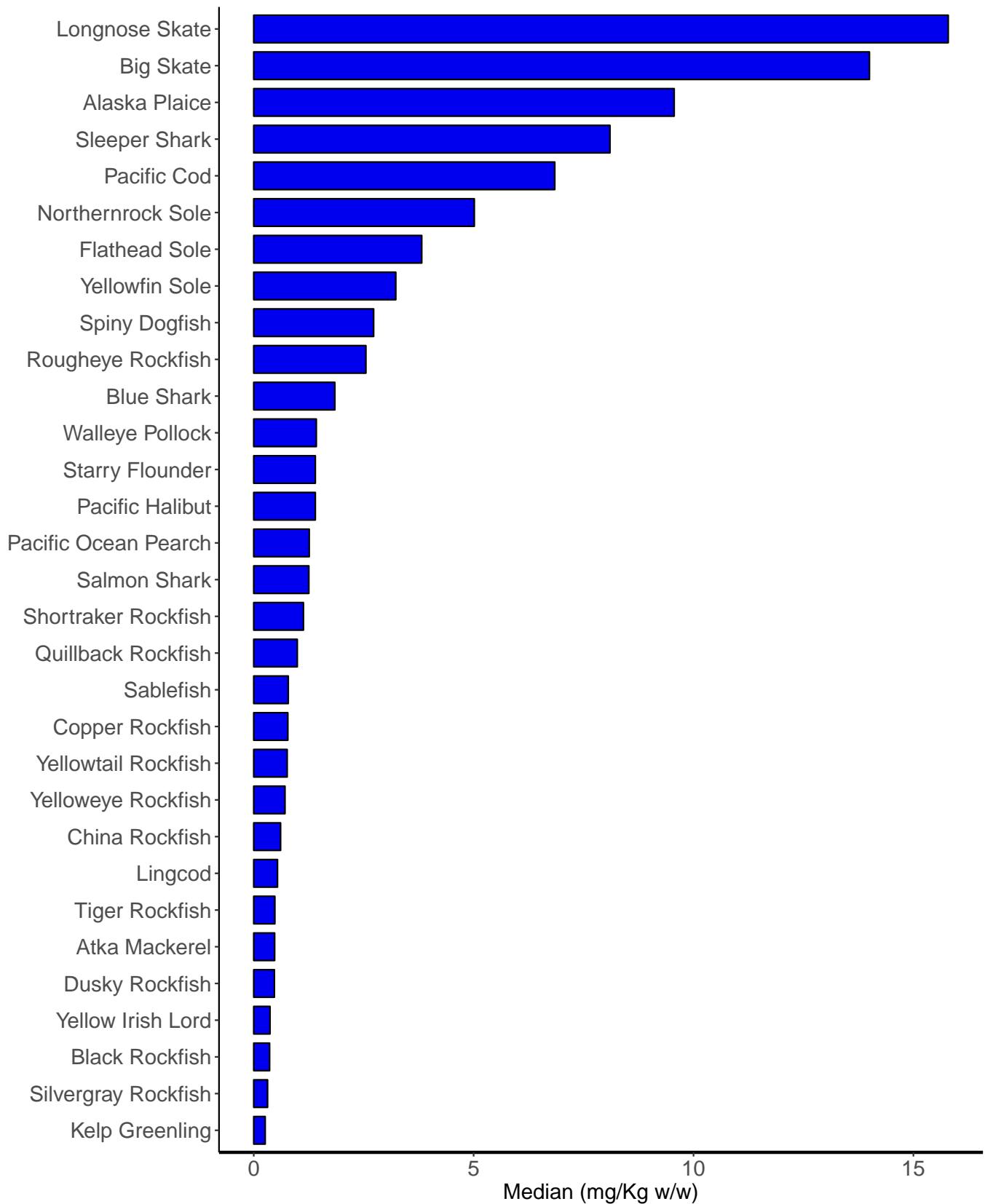
For fish consumption recommendations visit:

<http://www.dhss.alaska.gov/dph/Epi/eph/Pages/fish/default.aspx>

Most arsenic (>90%) found in fish is in organic forms such as arsenobetaine which is not absorbed and is considered non-toxic compared to the inorganic form found in ground water.

Only species in which greater than 50% of individuals had tissue concentrations above the reporting limit are displayed in the graphs below.

Figure 1: Total Arsenic in Muscle of Marine Fish



Halibut over 40 pounds have some restrictions, visit:

<http://www.dhss.alaska.gov/dph/Epi/eph/Pages/fish/default.aspx>

Figure 2: Total Arsenic in Salmonids and Char (Salmon, Whitefish, Grayling, Char)

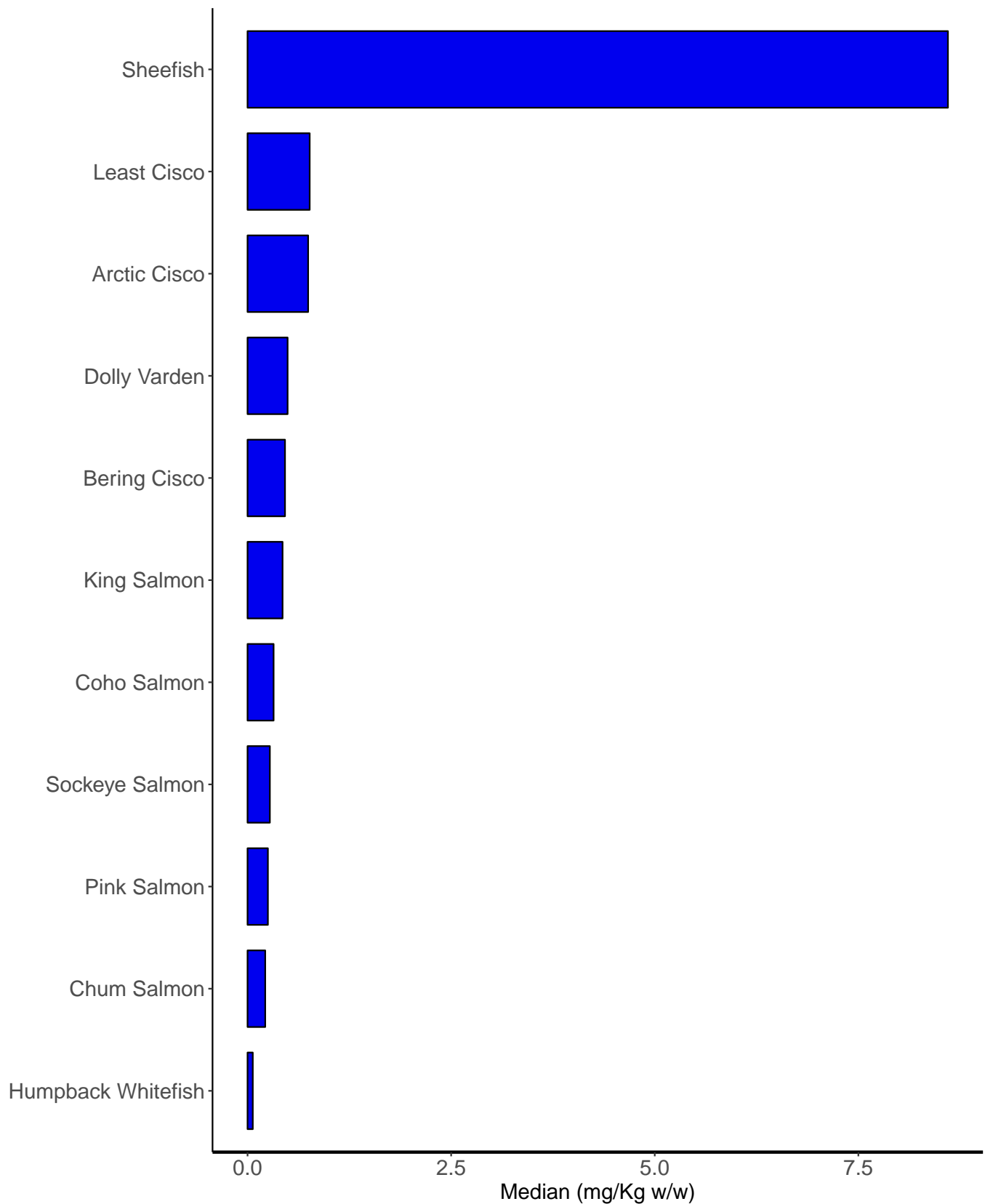
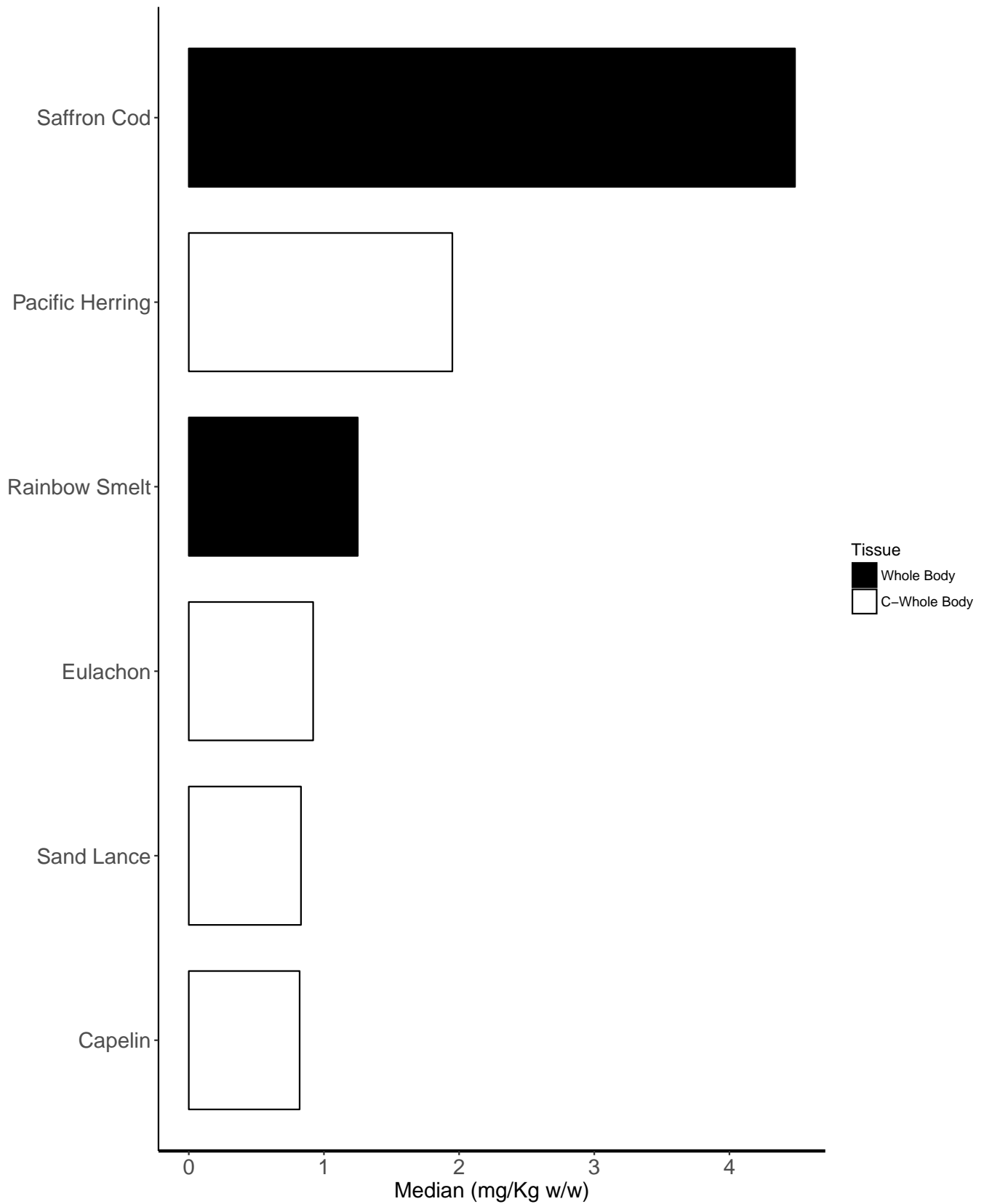
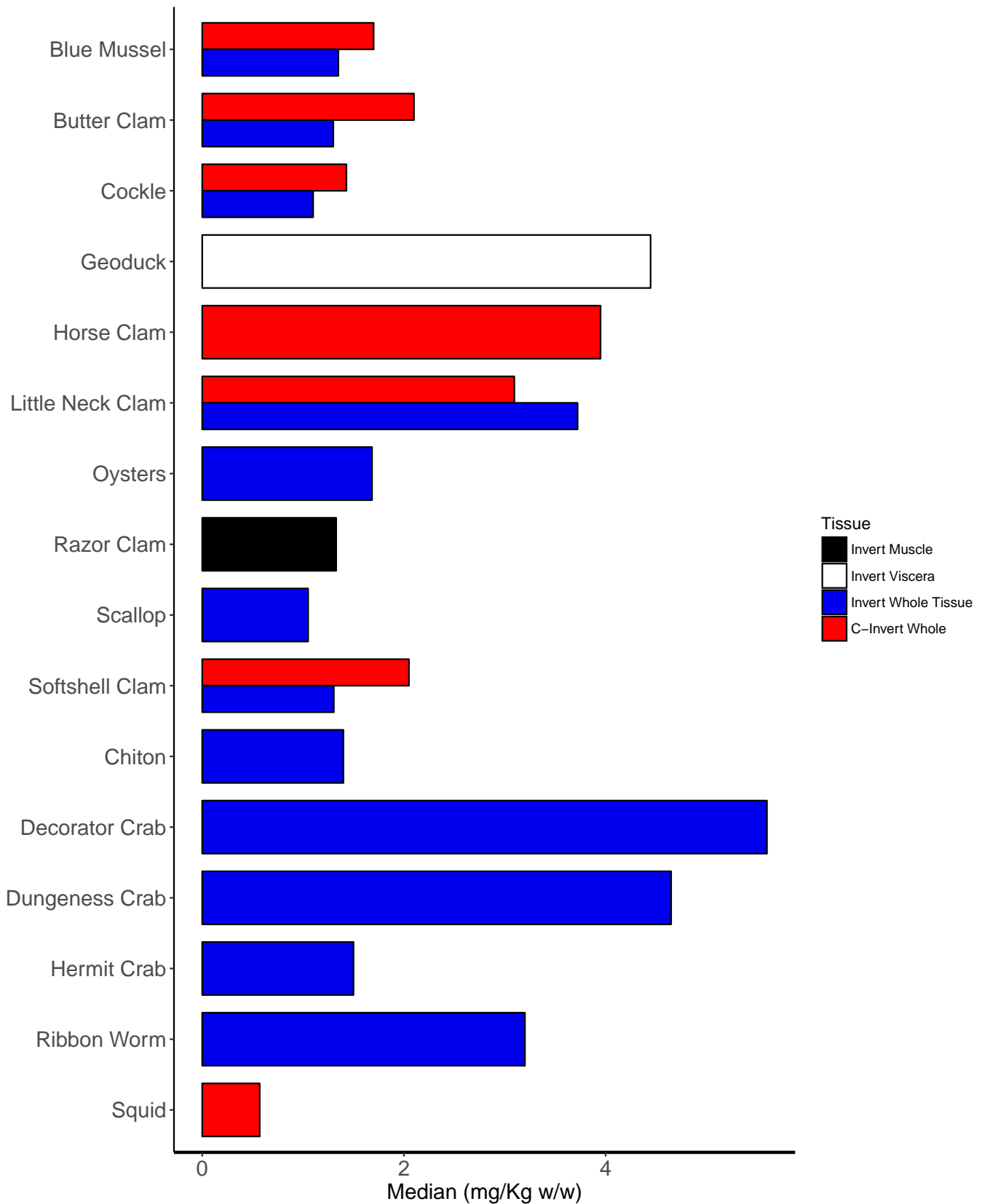


Figure 3: Total Arsenic in Marine Forage Fish



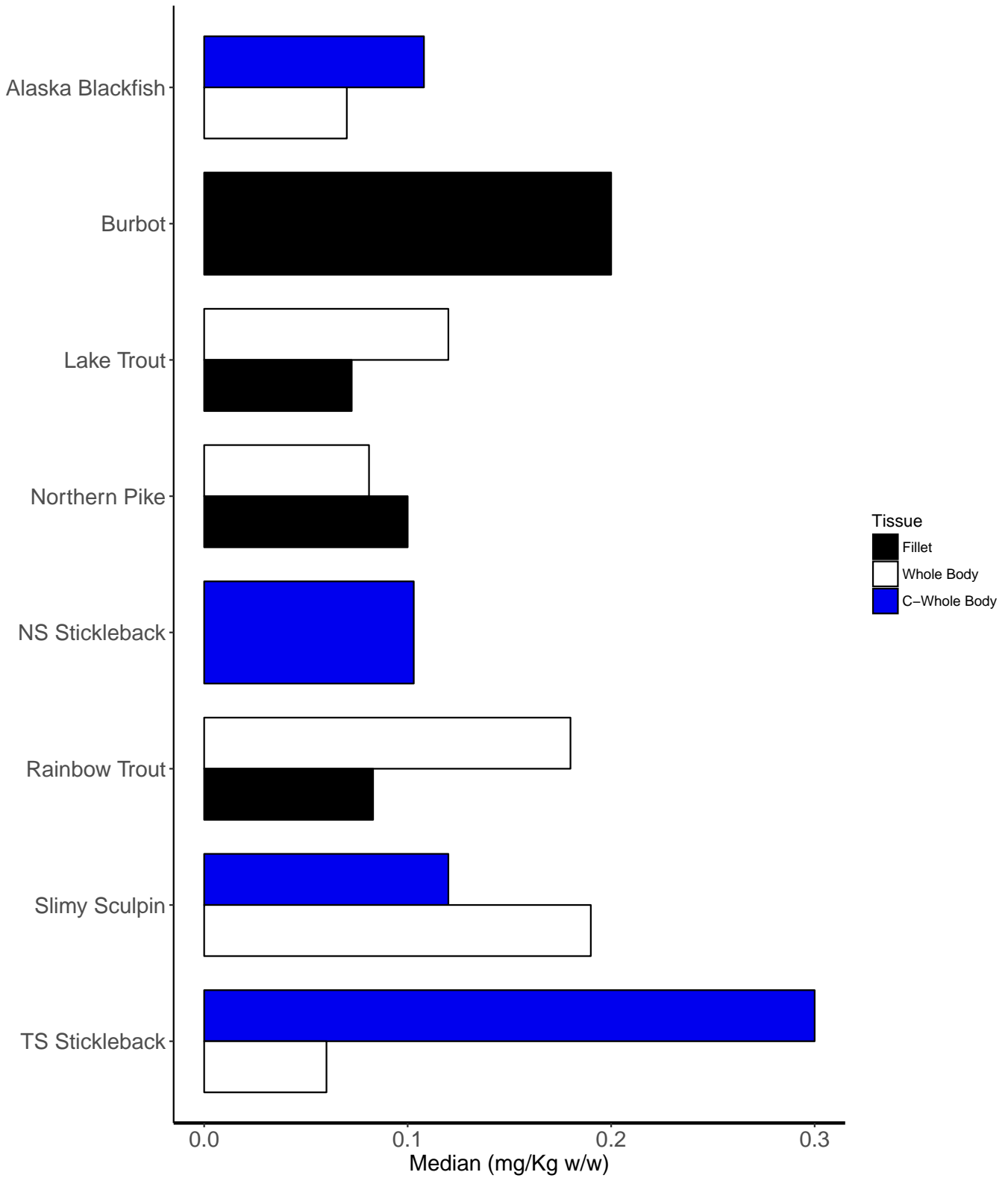
C = Composite of multiple individuals

Figure 4: Total Arsenic in Marine Invertebrates



C = Composite of multiple individuals

Figure 5: Total Arsenic in Freshwater Fish



C = Composite of multiple individuals

Large Northern Pike and Burbot have some regional restrictions, visit:

<http://www.dhss.alaska.gov/dph/Epi/eph/Pages/fish/default.aspx>